

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plicant(s): Backes

Serial No.: 10/780838

Filed: 2/18/2004

Title: Wireless Access Point Protocol Program

Attorney Docket No.: 160-040

Group Art Unit:

Examiner:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 33212-1450

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted before the mailing date of the first office action on the merits.

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, if required, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 33212.

Date of Deposit: 18/26/04

Typed Name: Mary Steubing

Respectfully submitted.

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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				Application Number	10/780838 .
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	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	I	US- 2004/0137915 A1	7/15/2004	Diener et al.		
	I	US- 2003.0207699 A1	11/6/2003	Shpak		
	I	US- 2002/0193113 A1	12/19/2002	Shibutani		
	Ι	US- 2002/0141375 A1	10/3/2002	Choi		
	I	US- 2003/0022686 A1	1/30/2003	Soomro et al.		
	I	US- 2002/0176437 A1	11/28/2002	Busch et al.		
	I	US- 2003/0002456 A1	1/2/2003	Soomro et al.		
	I	US- 2002/0060995 A1	5/23/2002	Cervello et al.		
	I	US- 6,741,863 B1	5/25/2004	Chiang et al.		
	I	US- 6,560,462 B1	5/6/2003	Ravi et al.		
	I	US- 6,332,007 B1	12/18/2001	Wu et al.		
		US- 6,208,629 B1	3/27/2001	Jaszewski et al.		
		US- 6,198,924 B1	3/6/2001	Ishii et al.	***************************************	
		US- 6,760,748 B1	7/6/2004	Hakim	•	
	[	US- 6,111,867	12/12/1997	Mann	· · · · · · · · · · · · · · · · · · ·	
	[	US- 6,574,477	10/6/1999	Rathunde		
	[	US- 6,574,474	5/20/1999	Nielson	>	
		US- 6,732,163	1/5/2000	Halasz	······································	
	[ · · · · · · · · · · · · · · · · · · ·	US- 6,215,779	9/22/1998	Bender	······································	
***************************************	[*******1	US- 6,636,737	4/10/2000	Hills	······································	
		US- 6,738,599	3/14/2002	Black		
	l i	US- 6,522,881	3/8/2000	Feder		
		US- 6,208,629	3/10/1999	Jaszewski		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵		
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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901.04.

Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Substitute for form 1449B/PTO				Complete if Known		
	0000111010 101 101111 1 1 1 1 0 D/1 1 0			Application Number	10/780838	
INFORMATION DISCLOSURE				Filing Date	2/18/2004	
	STATEMENT BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Backes	
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Sheet	2	of	2	Attorney Docket Number	160-040	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ,
		IEEE, Wireless LAN Mediumj Access Control (MAC) and Physical Layer (PHY) specifications, Standard 802.11, 1999 edition, Reference number ISO/IEC 8802-11:1999(E), 528 Pages.	
***************************************	•••••••	MICHAEL BARR, "Toward a Smaller Java", Embedded.com, June 14, 2002, Pages 1-9.	··/····
••••••	•••••••••••	Moustafa Youssef, "Handling Samples Correlation in the Horus System", IEEE INFOCOM 2004	-
••••••	••••••	Kin K. Leung, "Integrated Link Adaptation and Power Control for Wireless IP Networks", AT&T Labs – research, January 19, 2000.	
••••••••••••		Ana Zapater et. Al., "Development and Implementation of a Bluetooth Networking Infrastructure for the a Notebook – University Scenario", Institute of Communications Engineering, University of Hannover, May 13, 2003.	
		Walter Klotz, "Graph Coloring Algorithms", 1999.	
		Brent N. Chun et. Al., "Market-based Proportional esource Sharing for Clusters", University of California at Berkeley computer Science Division, September 1999.	
•		The Four Color Theorem, Web page, author(s) unknown, updated November 13, 1995.	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre  Terminal Disclaimer  Request for Refund  CD, Number of CD(s)	Other Enclosure(s) (please Identify below):
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